In understanding the scope of the present invention, the term "comprising" and its derivatives, as used herein, are intended to be open ended terms that specify the presence of the stated features, elements, components, groups, integers, and/or steps, but do not exclude the presence of other unstated features, elements, components, groups, integers and/or steps. The foregoing also applies to words having similar meanings such as the terms, "including", "having" and their derivatives. Also, the terms "part," "section," "portion," "member" or "element" when used in the singular can have the dual meaning of a single part or a plurality of parts unless otherwise stated. Also, it will be understood that although the terms "first" and "second" may be used herein to describe various components these components should not be limited by these terms. These terms are only used to distinguish one component from another. Thus, for example, a first component discussed above could be termed a second component and vice versa without departing from the teachings of the present invention. Finally, terms of degree such as "substantially", "about" and "approximately" as used herein mean an amount of deviation of the modified term such that the end result is not significantly changed.

The foregoing descriptions of the embodiments according to the present invention are provided for illustration only, and not for the purpose of limiting the invention as defined by the appended claims and their equivalents.

What is claimed is:

1. A control assembly for a bicycle comprising:

a first operation device coupled to a first handlebar of a bicycle; and

a second operation device coupled to a second handlebar of the bicycle, each of the first operation device and the second operation device comprising:

a base attached to the bicycle;

an operation member;

a communication device that transmits a wireless signal; and

an attachment portion removably attached to the communication device, the attachment portion being arranged in the base,

the communication device of the first operation device being attachable in a removable manner to the attachment portion of the first operation device and the attachment portion of the second operation device.

2. The control assembly for a bicycle according to claim **1**, wherein

the attachment portion of the first operation device includes a recess into which the communication device is insertable.

3. The control assembly for a bicycle according to claim **2**, wherein

the communication device is configured to be attached to the attachment portion of the first operation device so that the communication device is at least partially exposed from the attachment portion of the first operation device.

4. The control assembly for a bicycle according to claim **1**, wherein:

the base includes an inner cavity with the communication device being at least partially located in the inner cavity by the attachment portion of the first operation device.

5. The control assembly for a bicycle according to claim **1**, further comprising:

a cover member attached to the base, the cover member covering the communication device.

6. The control assembly for a bicycle according to claim **5**, wherein

the cover member includes a resin material.

7. The control assembly for a bicycle according to claim **1**, wherein

the base is coupled to a handlebar of a bicycle.

8. The control assembly for a bicycle according to claim **7**, wherein

in a state in which the base is coupled to the handlebar of the bicycle, the attachment portion of the first operation device is located at a side of the base that is closer to a center of the bicycle.

9. The control assembly for a bicycle according to claim **1**, wherein

the communication device includes a transmission circuit that transmits the wireless signal, and a communication device body that includes the transmission circuit.

10. The control assembly, for a bicycle according to claim **9**, wherein

the attachment portion of the first operation device includes a card slot, and

the communication device body is a card shaped member that is insertable into the card slot.

11. The control assembly for a bicycle according to claim **9**, wherein

the communication device body includes a housing, and the transmission circuit is arranged in the housing.

12. The control assembly for a bicycle according to claim **1**, wherein

the wireless signal of the communication device controls an actuator of an electrical device.

13. The control assembly for a bicycle according to claim **12**, wherein

the electrical device is selected from the group consisting of: an electric shift device, an electric adjustable seatpost, an electric suspension and an electric assist unit.

14. The control assembly for a bicycle according to claim **1**, wherein

each of the first operation device and the second operation device further comprise a power generator connected to the communication device.

15. The control assembly for a bicycle according to claim **14**, wherein

the power generator includes a piezoelectric element.

16. The control assembly for a bicycle according to claim **14**, further comprising:

a connection portion that electrically connects the communication device and the power generator,

the communication device being arranged separate from e power generator.

17. A communication device that transmits or receives a wireless signal, wherein

the communication device is removably attachable to both a first attachment portion arranged in a first base of a first operation device attached to a bicycle and to a second attachment portion arranged in a second base of a second operation device attached to the bicycle.

18. The communication device according to claim **17**, wherein

the second operation device includes an actuator, and

the wireless signal of the communication device controls the actuator.

19. The communication device according to claim **18**, wherein

each of the first attachment portion and the second attachment portion includes a recess into which the communication device is insertable.